

FIG. 1

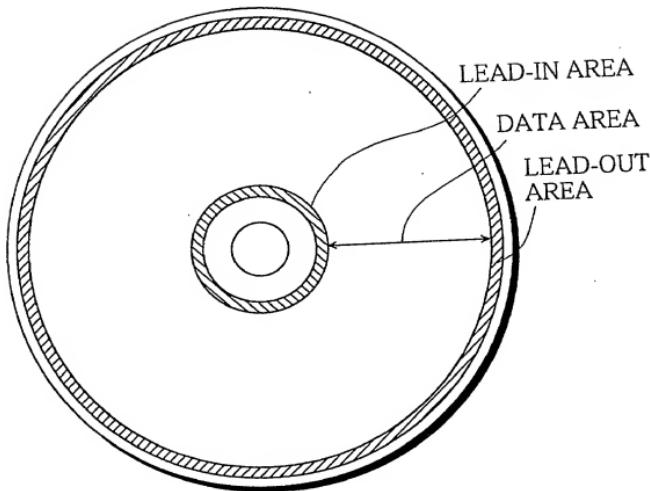


FIG. 2

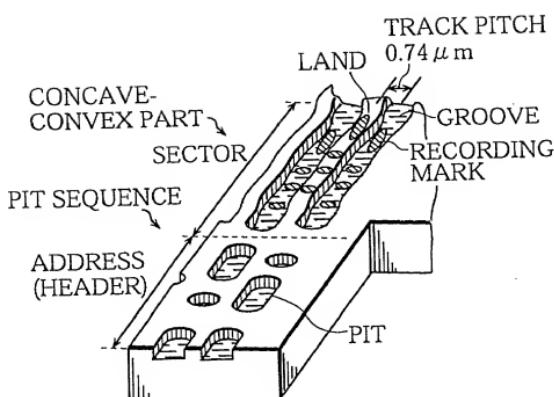


FIG. 3A

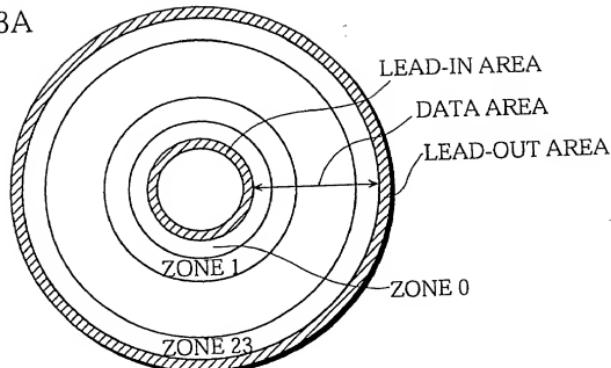


FIG. 3B

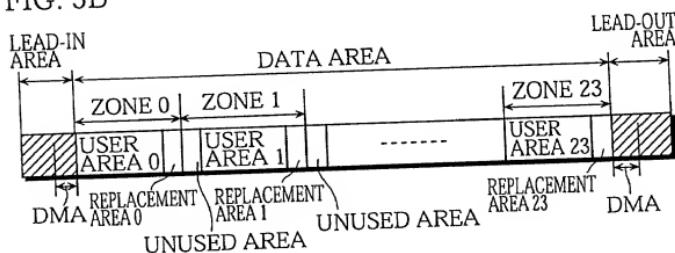


FIG. 3C

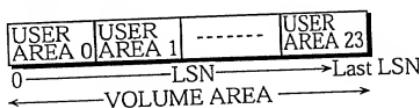


FIG. 3D

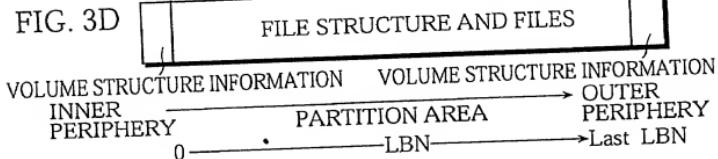


FIG. 4

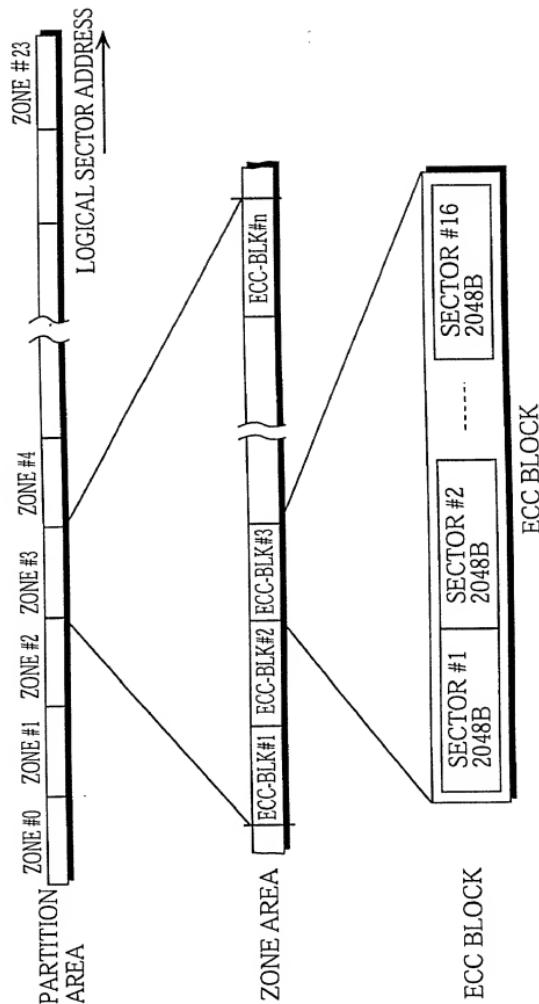


FIG. 5

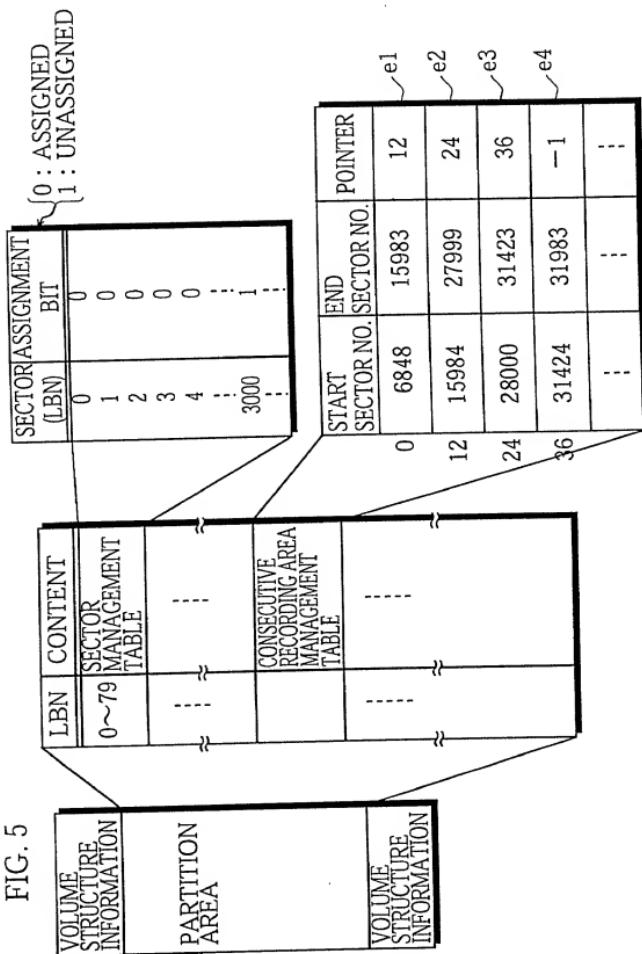


FIG. 6

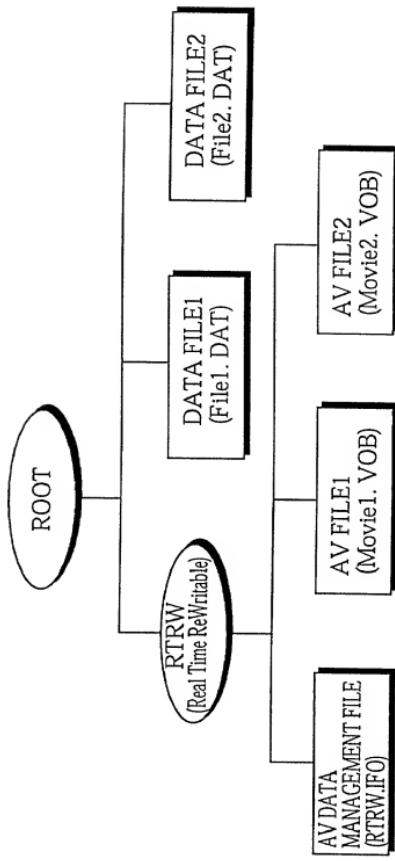


FIG. 7

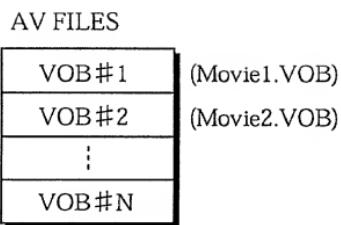


FIG. 8

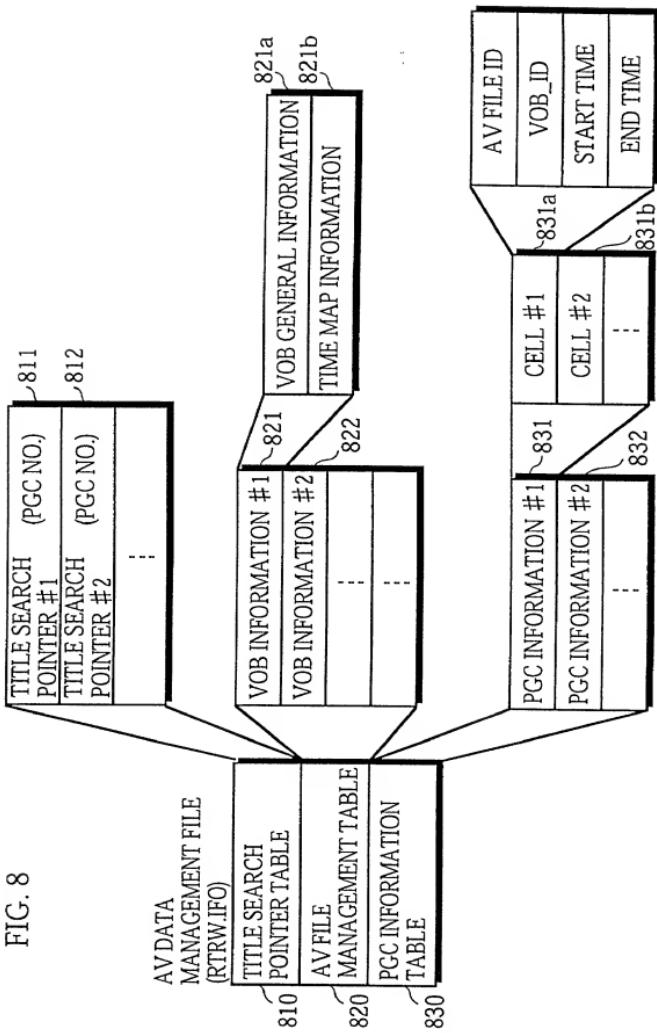


FIG. 9

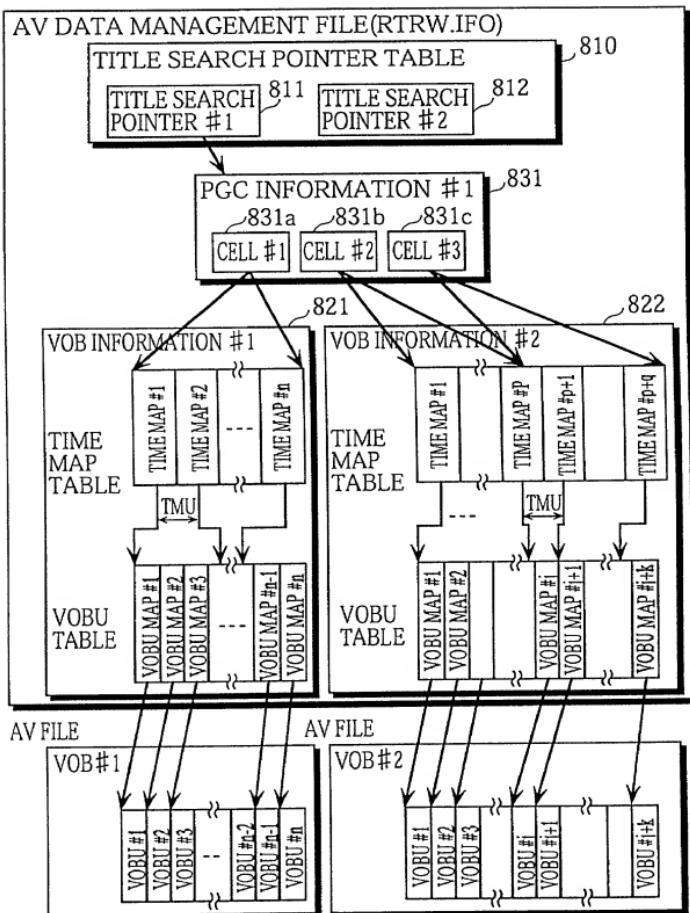


FIG. 10

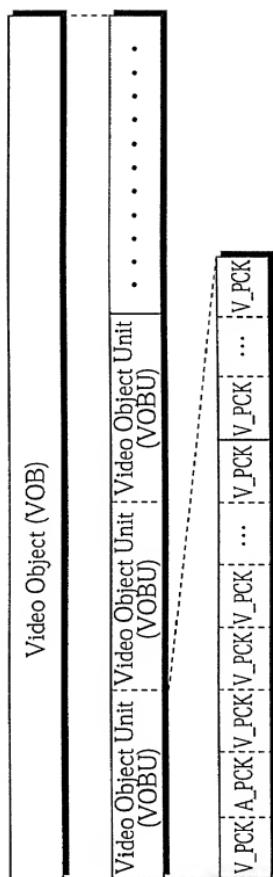


FIG. 11

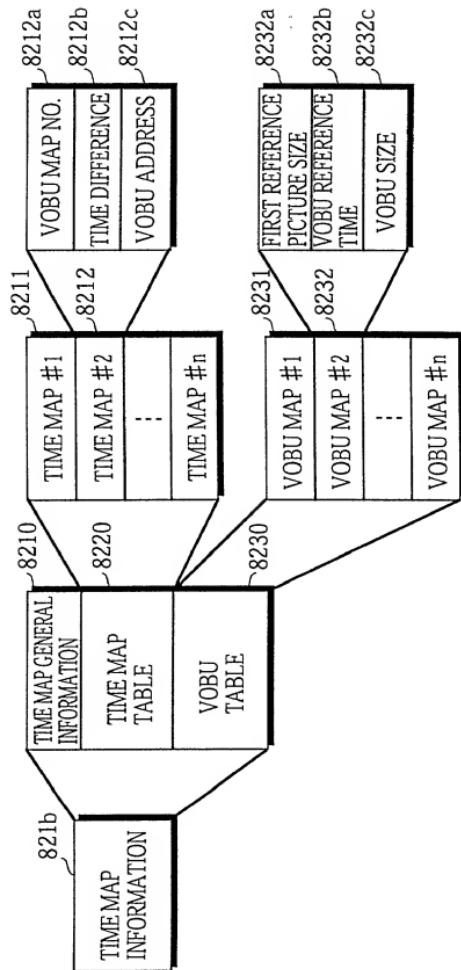


FIG. 12

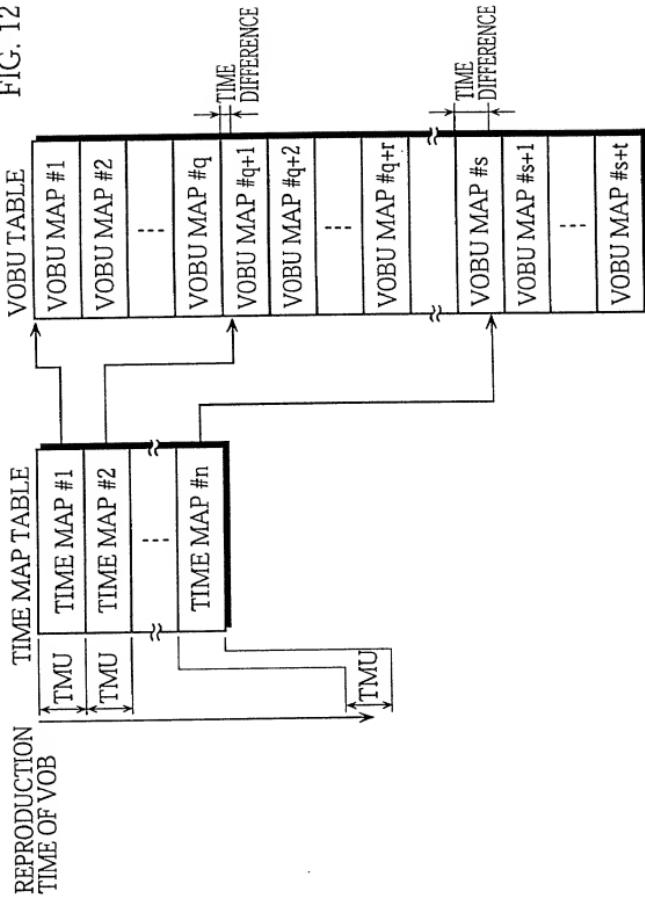


FIG. 13

REPRODUCTION
TIME OF VOB

t

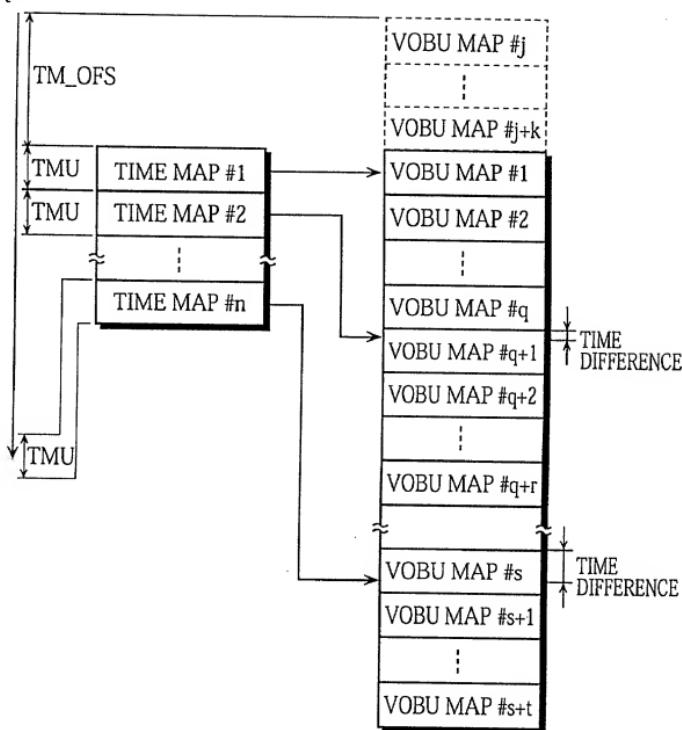


FIG. 14

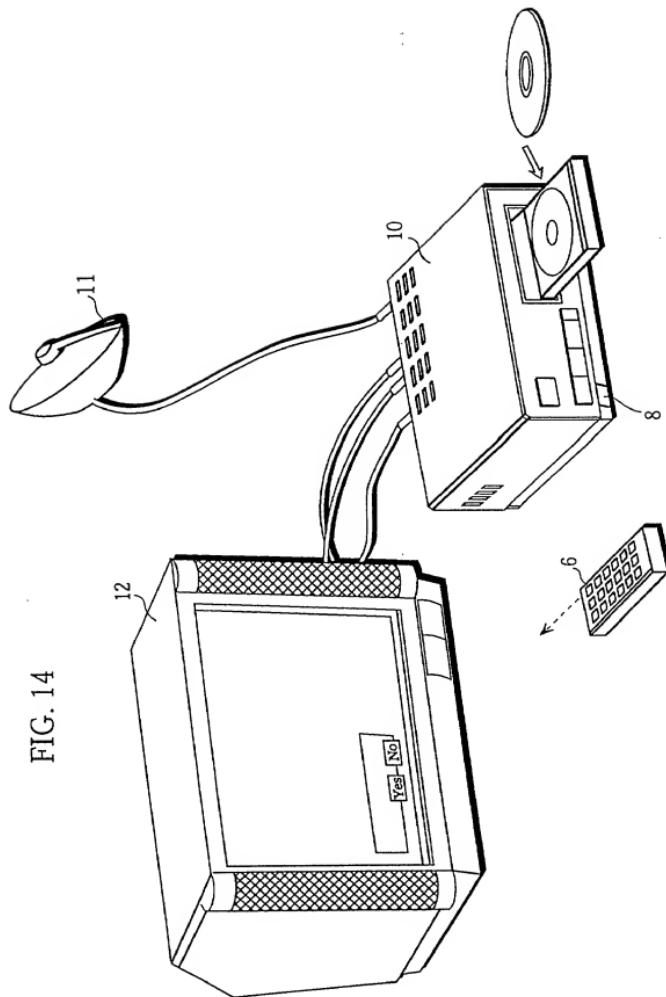


FIG. 15

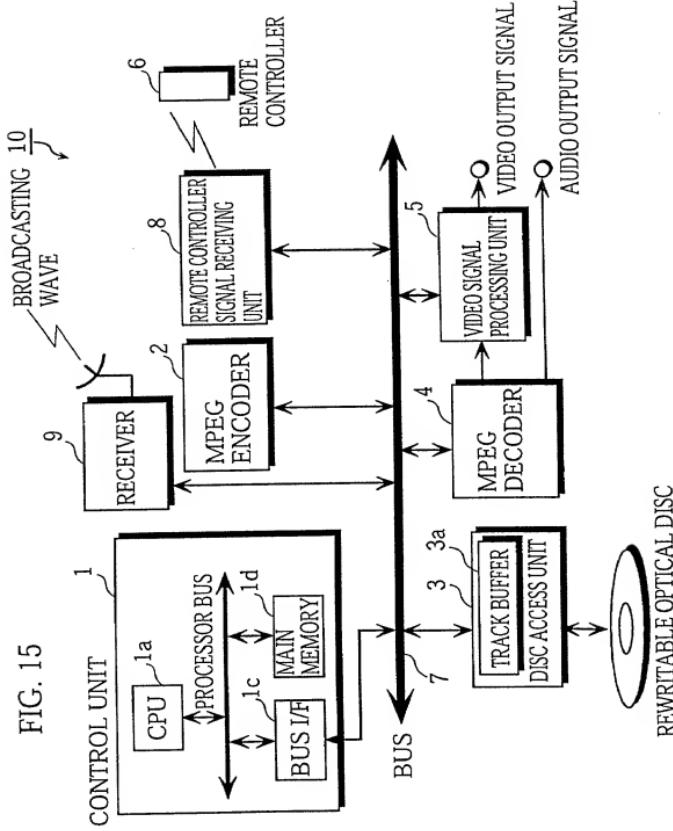
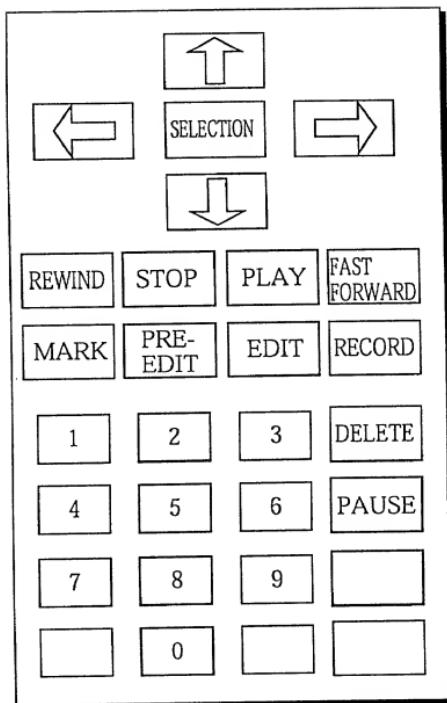


FIG. 16



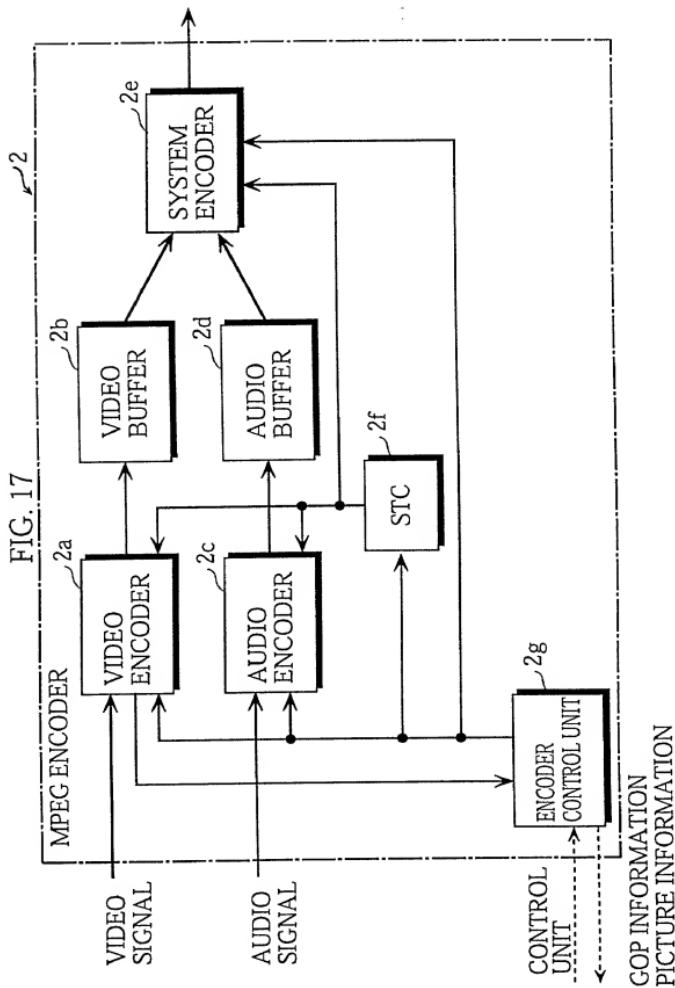


FIG. 18

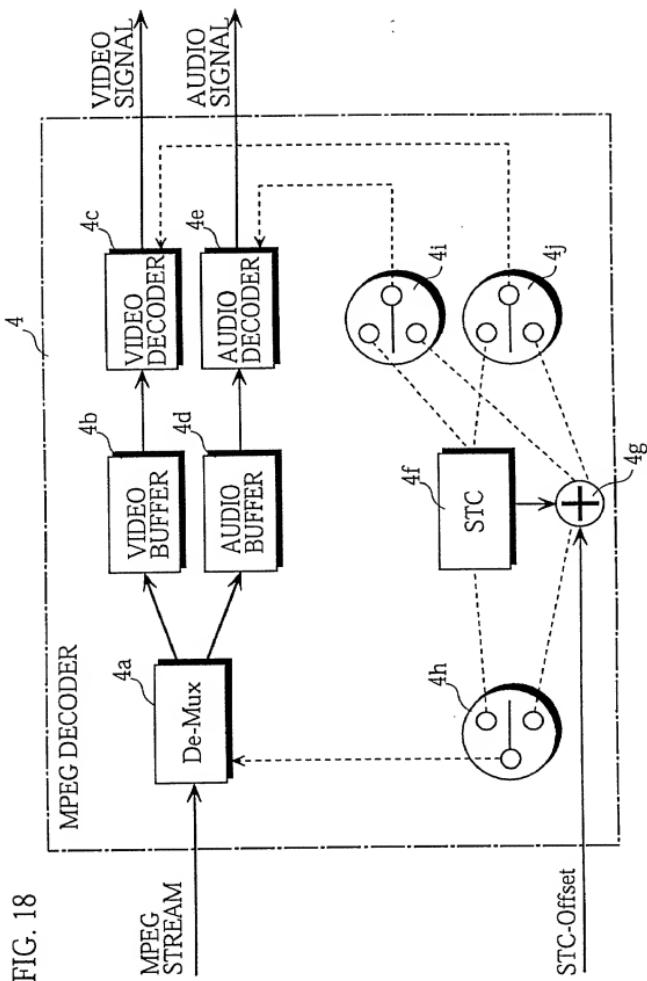


FIG. 19

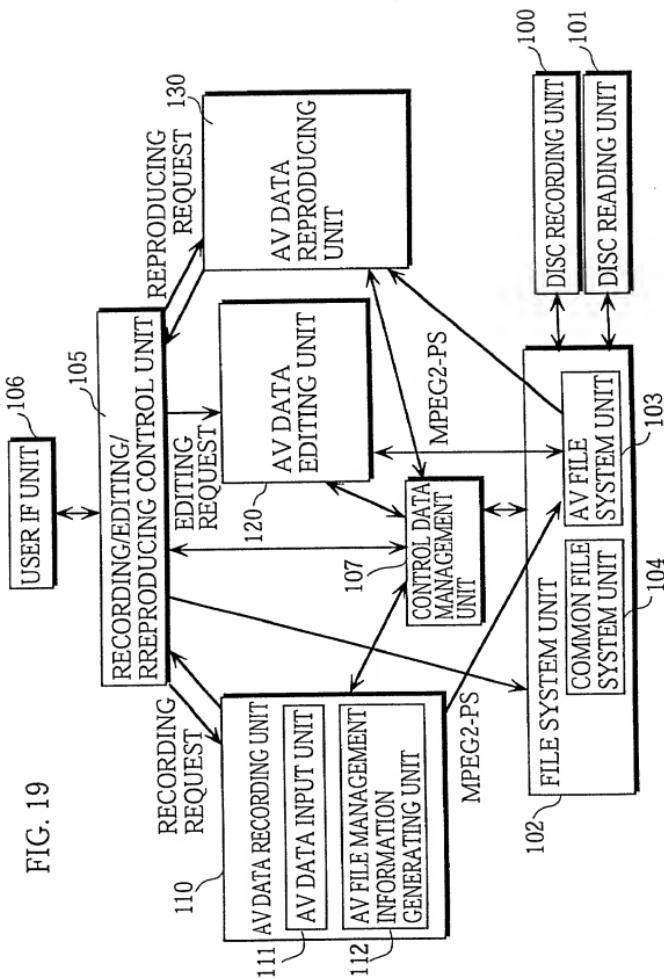


FIG. 20

COMMON FILE SYSTEM UNIT 104	
CREATE	GENERATE A FILE
DELETE	DELETE A FILE
OPEN	OPEN A FILE
CLOSE	CLOSE A FILE
WRITE	WRITE A NON-AV FILE
READ	READ A FILE COMMON TO AV AND NON-AV
SEEK	MOVE INSIDE A DATA STREAM
RENAME	CHANGE A FILE NAME
MKDIR	GENERATE A DIRECTORY
RMDIR	REMOVE A DIRECTORY
STATS	OBTAIN A FILE SYSTEM STATE
GET ATTR	OBTAIN A FILE ATTRIBUTE
SET ATTR	SET A FILE ATTRIBUTE
SEARCH DISCON	DETECT WHETHER A SPECIFIED SECTION INCLUDES A DISCONTINUOUS BOUNDARY (ZONE BOUNDARY)

AVFILE SYSTEM UNIT 103	
MERGE	MERGE OF AVFILE1+BUFFER+AVFILE2
SPLIT	SPLIT AN AV FILE
SHORTEN	DELETE AN EDGE OF AV FILE
REPLACE	REPLACE A PART OF AV FILE

FIG. 21

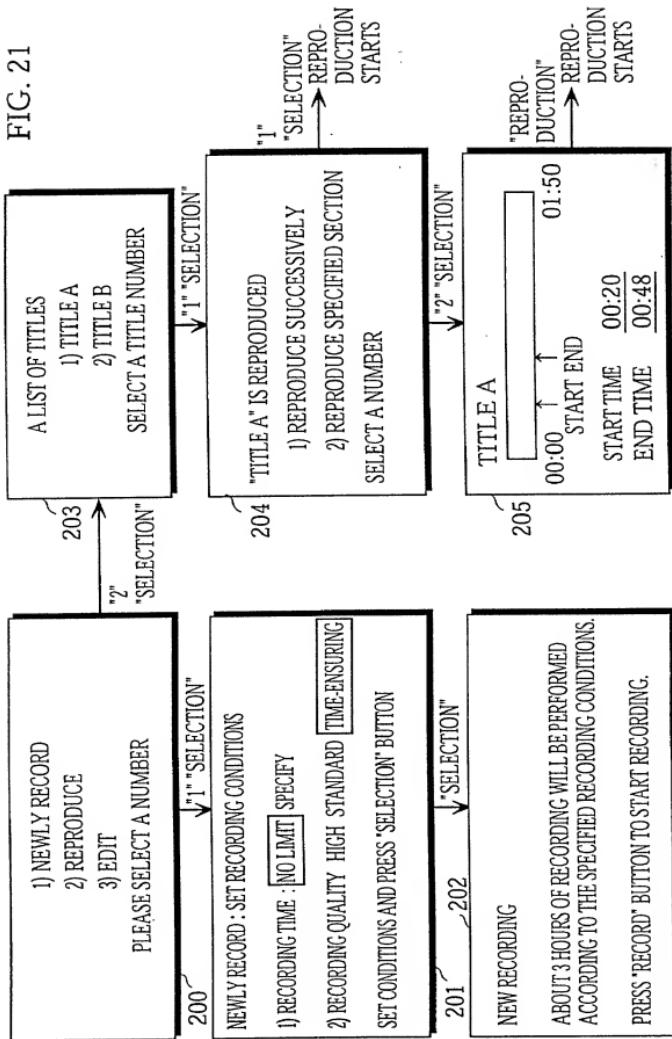
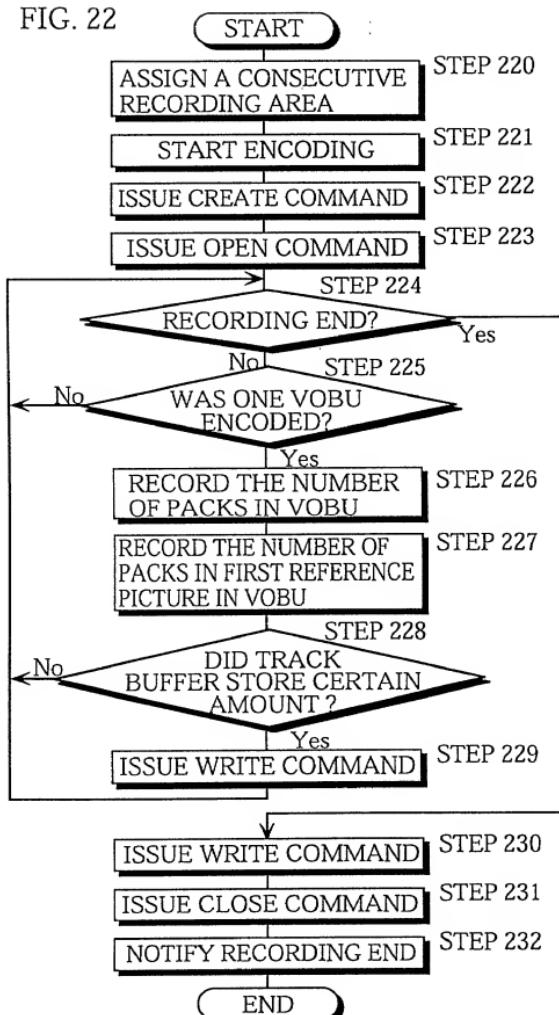


FIG. 22



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FIG. 23

VOBU NO.	NUMBER OF PACKS IN FIRST REFERENCE PICTURE IN VOBU	NUMBER OF PACKS IN VOBU
#1	14	46
#2	15	51
#3	13	49
#4	14	47
#5	14	46
#6	15	51
#7	13	49
#8	14	47
#9	14	46
#10	15	51
#11	13	49
#12	14	47
:	:	:
#21	15	51
#22	13	49
:	:	:

FIG. 24
PROCESS BY THE AV FILE MANAGEMENT INFORMATION GENERATING UNIT 112

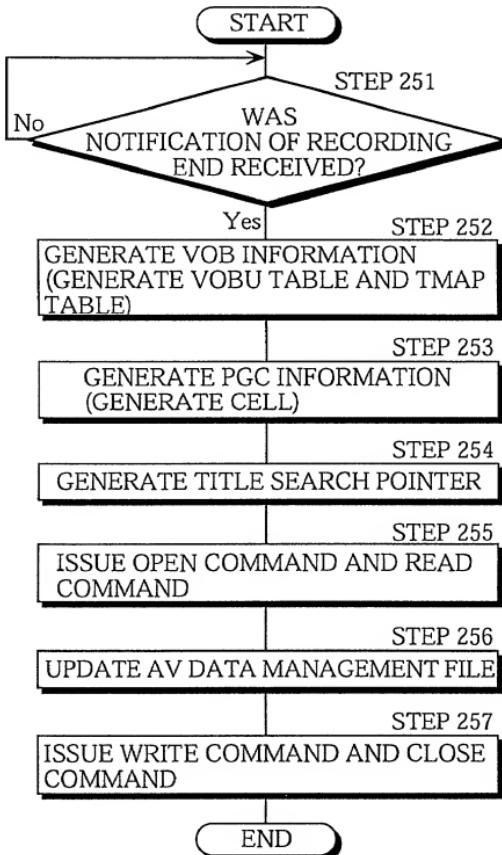


FIG. 25

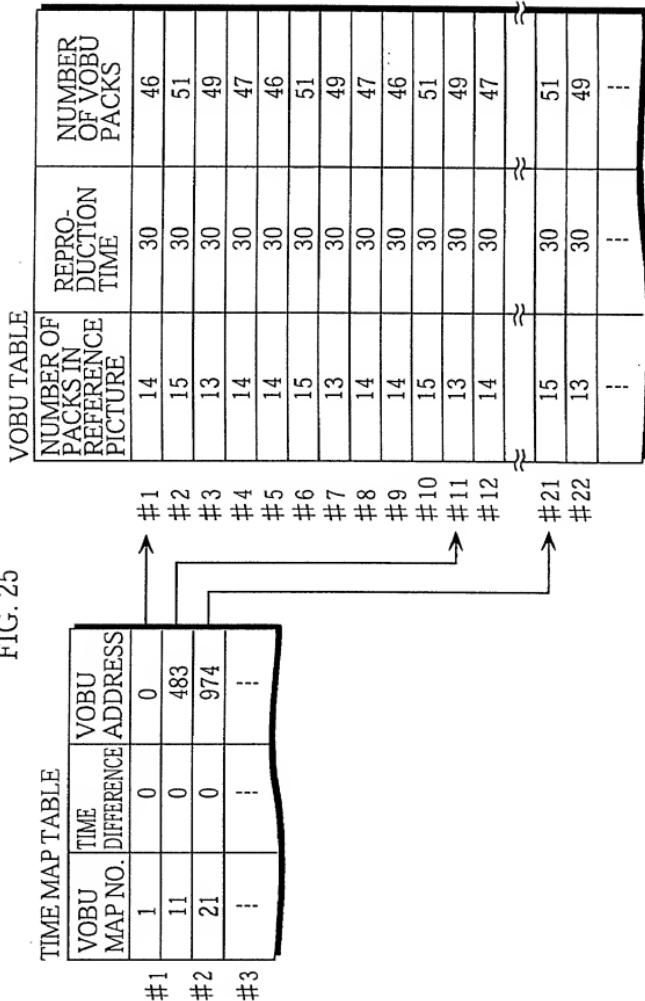


FIG. 26

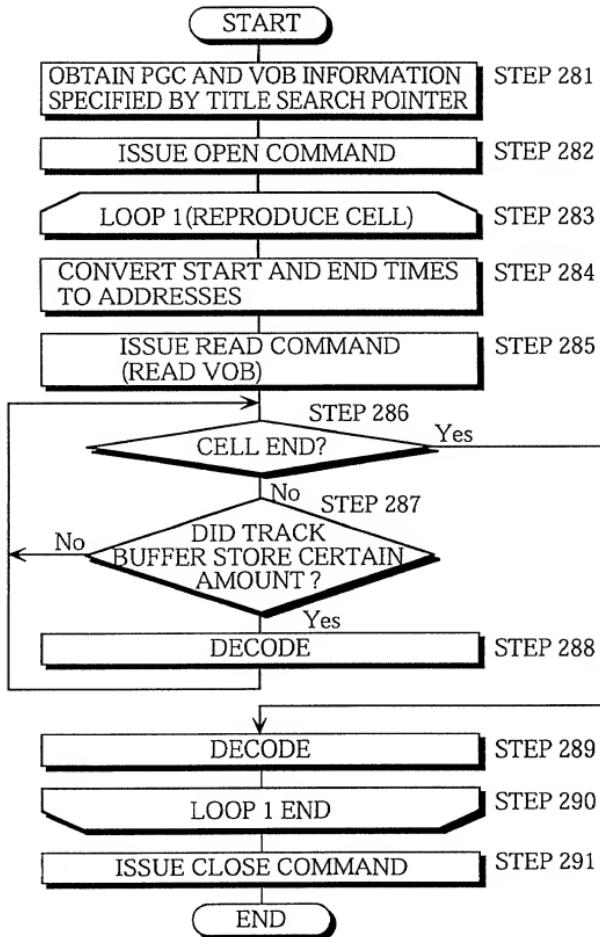


FIG. 27

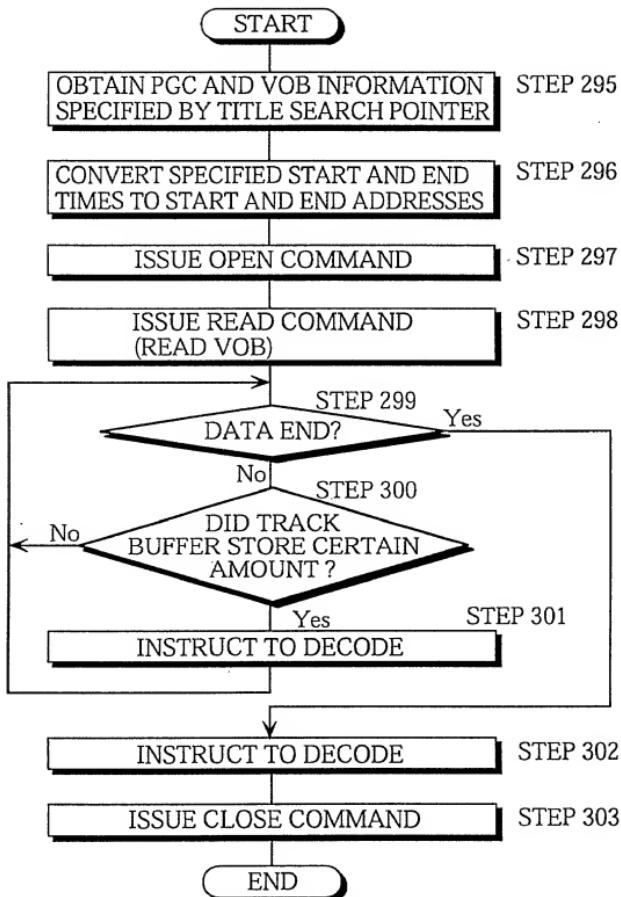


FIG. 28

